



U.S. Department of Energy  
Energy Efficiency and Renewable Energy

*freedomCAR & vehicle technologies program*

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## State & Alternative Fuel Provider Fleets: Status and Opportunities

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# Discussion Outline

- Overview of EPA's State and Fuel Provider (S&FP) Fleet Program
- S&FP Fleet Statistics
- Recent Activities
- Legislative Update
- EPA's Successes
- Opportunities for Clean Cities and S&FP Fleets
- Information Resources



# What Types of Fleets are Covered Under the S&FP Program?

- **State Government Fleets**, such as:
  - Executive, legislative, or judicial agencies/entities
  - State universities and colleges
- **Alternative Fuel Provider Fleets**, including:
  - Electric utility companies
  - Natural gas utility companies
  - Propane providers
  - Municipal power utilities
  - Producers of alternative fuels for transportation

*NOTE: Covered fleets must also meet size/location criteria to have AFV acquisition requirements*



# Complying with AFV Acquisition Requirements

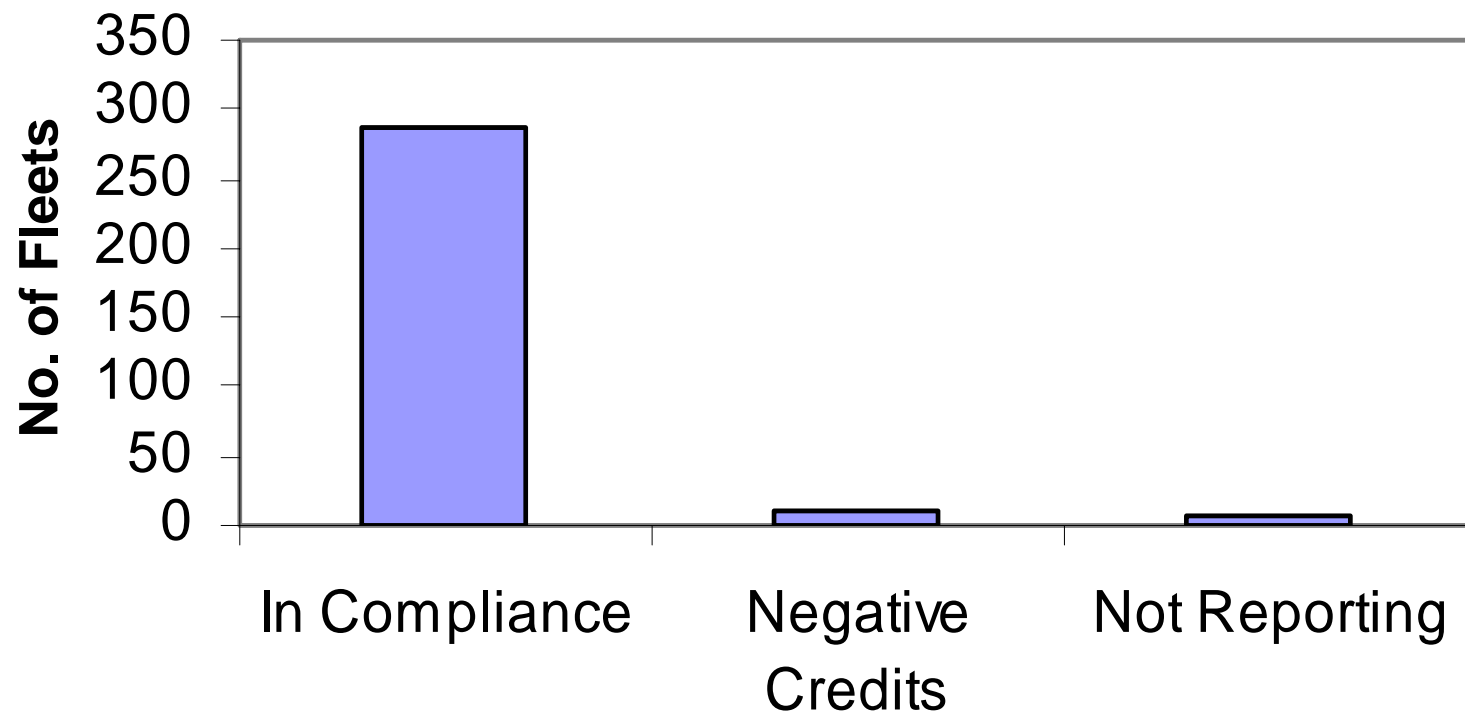
***Current AFV acquisition requirement is 75% of annual covered acquisitions for State fleets, and 90% for Fuel Provider fleets***

## HOW TO COMPLY

- Acquire a new or used light duty vehicle that is capable of operating on alternative fuels
- Use banked credits or purchase credits from another fleet or third party
- Purchase Biodiesel – earn 1 credit for every 450 gallons of neat biodiesel purchased for use in blends of 20% or more (for use in MDVs/HDVs, up to 50% of requirements)
- Acquire alternative fuel medium- and heavy-duty vehicles (which only earn credits after LDV acquisition requirements are satisfied)

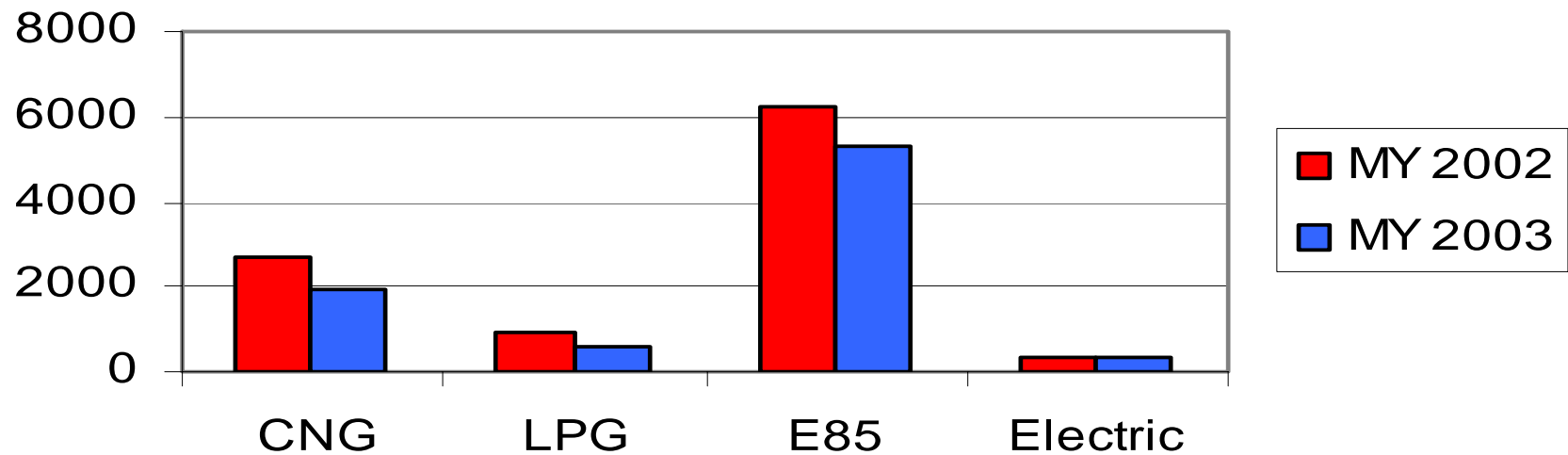


## S&FP Fleet Compliance – Model Year 2003





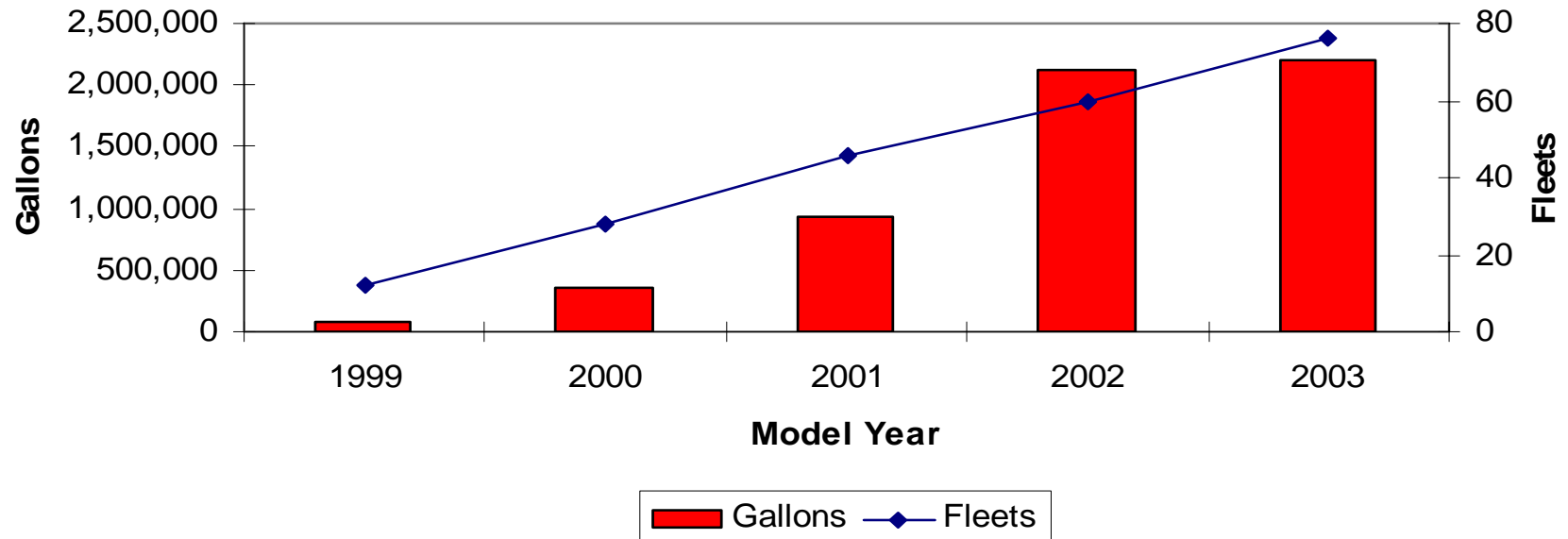
## AFV Acquisitions By Fuel Type



	MY 2002	MY 2003
CNG	2655	1920
LPG	961	560
E85	6273	5275
Electric	353	356



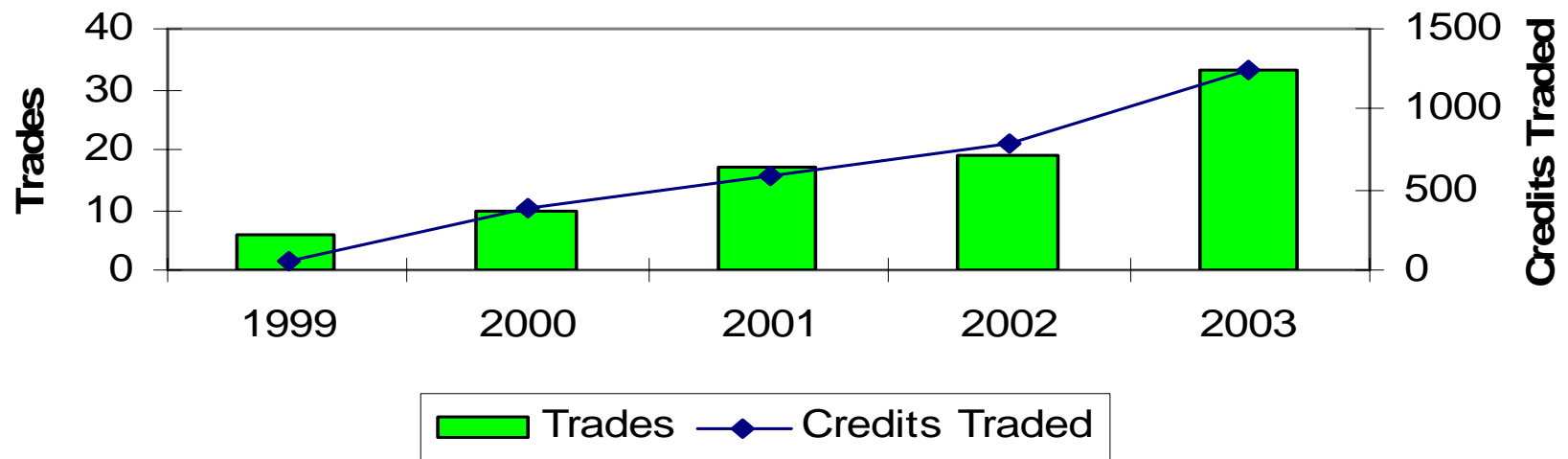
## Biodiesel Use



	Gallons	Fleets
1999	83,653	12
2000	358,247	28
2001	939,552	46
2002	2,113,788	60
2003	2,208,534	76



## Credit Trading Activity



	Trades	Credits Traded
1999	6	64
2000	10	376
2001	17	583
2002	19	779
2003	33	1237





# State Outreach Efforts

- Identify additional covered fleets
- Educate fleets/agencies on requirements
- Assist new fleets in developing compliance strategies



# Proposed EPA Act Changes Affecting S&FP Fleets

- Inclusion of NEVs & hybrid vehicles
- Multiple credits for MD/HD AFVs
- Opt-out program – credits for petroleum reductions
- Infrastructure investment credits

***NOTE: None have become law at this time, so fleets should NOT modify their actions in response to any of these proposals***



# S&FP EPA Act Successes

- Covered fleets' installation of fueling outlets
- Substantial reduction in vehicles exempted
- ~10,000 new AFVs acquired per year
- Growth in biodiesel fuel use (to over 2,000,000 gallons per year)
- Compliance levels in S&FP Program at virtually 100%



# Many S&FP Fleets Serving as Models for Success

- TXDOT – has over 7000 AFV credits
- New York – has installed over 70 CNG stations
- Approximately a dozen utilities have installed their own E-85 stations
- Credits traded have risen to >1000/year – Credits program rewards fleets that over-comply and allows flexibility
- Covered fleets working on alternative fuel innovations with OEMs



# Opportunities for Clean Cities and S&FP Fleets

## How Clean Cities and S&FP Work Together:

- Partnering on Training
- Exchange of Information

## New Opportunities:

- S&FP fleets are typically early adopters, and have strong potential as anchor fleets
- They help generate demand for AF refueling stations – and it's a consistent demand
- They are good, knowledgeable partners
- They often provide opportunities for high-visibility projects

***If you need to know who in your area is in our program, please contact us***



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# Information Resources

**EPAct Fleet Information and Regulations website:**

<http://www.eere.energy.gov/vehiclesandfuels/epact/>

**Linda Bluestein:** [linda.bluestein@ee.doe.gov](mailto:linda.bluestein@ee.doe.gov)

**Regulatory Information Line:**

[regulatory\\_info@afdc.nrel.gov](mailto:regulatory_info@afdc.nrel.gov) or (202)586-9171

## Literature (See EPAct website)



- AFV Reporting Guidance
- Final Regulations
- Compliance Guidelines for S&FP Fleets (Bluebook)
- Frequently Asked Questions
- Exemptions, biodiesel, and credit trading guidance
- DOE AFV Buyers Guide: <http://www.ccities.doe.gov/vbg/fleets>

